

SHUE-MEDILL MIDDLE SCHOOL & THE STUDENT AGENCY IMPROVEMENT COMMUNITY

NEWARK, DE

Using the Tools of Improvement Science to Measure
Student Agency and Motivation



At-a-Glance /

Number of Networks Participating in Student Agency Improvement Community (SAIC):

Six networks: Carnegie Math Pathways Network, Schools that Lead partnership in DE, Harrisonburg City Schools in partnership with James Madison University in VA, Eskolta in partnership with New York City Department of Education, Summit Public Schools (CA and WA), and High Tech High in CA.

Number of Years Implementing Next Generation Learning:

The networked community has been working together for two years to address student agency, engagement, and motivation.

Success Definitions:

All schools in the SAIC are addressing issues of student agency or motivation within the learning context. The key question all schools are trying to answer is: how do you measure improvement in student agency as a consequence of school interventions? Carnegie Foundation has created a common survey measuring student agency and motivation and helps analyze the data for schools.

Major Content Providers:

Carnegie Foundation provides technical assistance and is the knowledge hub for the SAIC network. Carnegie administers the common student survey and reports data on the results.

Approach to Measurement:

Schools teams devise their own interventions related to increasing student motivation and engagement. Carnegie provides training and assistance to help schools collect data to measure the impact of their innovations.

Call a Colleague /

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Measurement Resources to Share /

Introduction to Improvement Science

[Welcome & Intro](#) to improvement science applied to education. The Carnegie Foundation has taken the lead on bringing the tools of improvement science to the education industry. [Seeing the System](#) provides an example of the methodology applied to a problem in education.

Driver Diagrams

[Driver Diagrams](#) are the key tool of improvement science. This resource helps educators understand how to create driver diagrams.

Applied Improvement Science Tools

High Tech High School is another participant in the network. [Here are a few resources](#) on improvement science they have provided. These materials have been developed by the Center for Research on Equity and Innovation at the High Tech High Graduate School of Education. Learn more about [the graduate school](#).

Improvement Resources from New York City

[Additional improvement resources](#) posted by the New York City Department of Education.

Measurement External Partners /

Shue-Medill and other schools in the network receive technical assistance, data analysis, and knowledge management support from a central team at the [Carnegie Foundation](#).